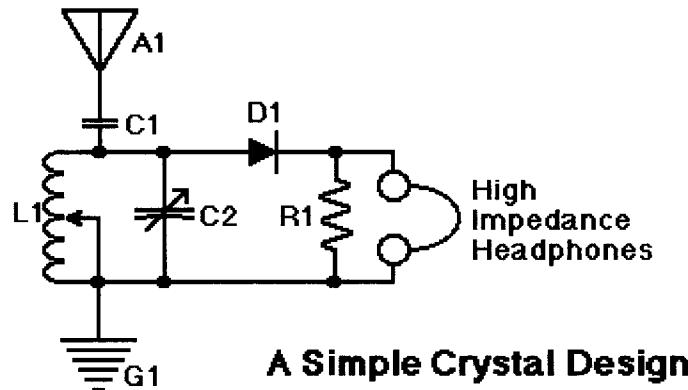


A Simple Crystal Radio Set

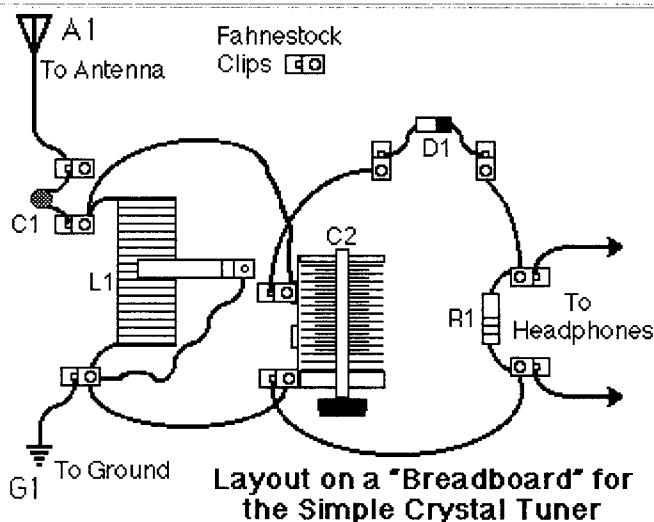
Whether you are a beginner or a seasoned expert, you would probably agree that there is nothing quite like using this simple design to make a crystal radio and enjoying it, listening to stations both near and far. Add to this the "something for nothing" advantage of not having to power this set with batteries or AC line and you can see why this simple design will be used and enjoyed for a long time to come. Almost like magic... Let's build one!



A Simple Crystal Design

Components:

- A1- 50-100 foot longwire antenna
- C1 - 50 pf ceramic capacitor OSE p/n CD-5
- C2 - 365 pf variable capacitor OSE p/n BC14400
- D1 - 1N34A diode OSE p/n 1N34A
- G1 - Ground (see instructions below)
- L1 - 100 turns of #20 AWG enamel coated copper wire OSE p/n MW20, adjustable tap (see instructions below)
- R1 - a 100k ohm resistor OSE p/n RQ100K
- Crystal Earphones OSE p/n CE748
- Farnsworth clips OSE p/n 2090



Layout on a "Breadboard" for the Simple Crystal Tuner